

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 25   | signal with input with function with calculat\$4 with frequenc\$4 with rang\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/04 15:43 |
| L2    | 111  | signal with input with function with (determin\$4 calculat\$4) with frequenc\$4 with rang\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/04 14:51 |
| L3    | 35   | signal with input with function with frequenc\$4 with rang\$4 and transfer adj function near3 (determin\$4 calculat\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/04 15:42 |
| L4    | 0    | "5583784" and signal with input with function with frequenc\$4 with rang\$4 and transfer adj function near3 (determin\$4 calculat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/04 15:42 |
| L5    | 1    | "5583784" and signal with input with function with calculat\$4 with frequenc\$4 with rang\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/04 15:43 |
| S1    | 11   | "6487472"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2005/11/07 21:38 |
| S2    | 942  | semiconductor adj production and monitor\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2005/06/10 20:59 |
| S3    | 42   | semiconductor adj production and monitor\$5 and diagnos\$5 and (program software)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2005/06/10 20:14 |

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| S4  | 30 | semiconductor adj production and monitor\$5 and diagnos\$5 and (program software) and display and (plurality multiple) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 20:14 |
| S5  | 4  | "6487472" and plurality and diagnos\$5 and input and output and operation\$4 and display and user                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 20:17 |
| S6  | 5  | "6487472" and plurality and diagnos\$5 and input and output and operation\$4 and display                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 20:37 |
| S7  | 0  | "6487472" and selectively near5 plurality  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 20:37 |
| S8  | 28 | "702"/\$.ccls. and semiconductor adj production and monitor\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 21:00 |
| S9  | 72 | "700"/\$.ccls. and semiconductor adj production and monitor\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 21:00 |
| S10 | 2  | "713"/\$.ccls. and semiconductor adj production and monitor\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/07 21:34 |
| S11 | 8  | "29"/\$.ccls. and semiconductor adj production and monitor\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/10 21:00 |
| S12 | 42 | semiconductor near5 manufactur\$5 same diagnos\$5 same (prior start begin\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/07 21:39 |
| S13 | 15 | semiconductor near5 manufactur\$5 same diagnos\$5 near4 (prior start begin\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/08 10:20 |

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| S14 | 9  | semiconductor near5 manufactur\$5<br>same diagnos\$5 near4 (prior start<br>begin\$4)near6 manufactur\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/08 10:23 |
| S15 | 5  | semiconductor near5 manufactur\$5<br>same diagnos\$5 near4 (prior start<br>begin\$4)near3 manufactur\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/08 10:25 |
| S16 | 1  | semiconductor near5 manufactur\$5<br>same diagnos\$5 same preventive<br>adj maintenance                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/08 11:01 |
| S17 | 25 | semiconductor near5 manufactur\$5<br>same diagnos\$5 and preventive adj<br>maintenance                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/08 11:01 |
| S18 | 13 | "6,487,472"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 12:32 |
| S19 | 0  | "6,487,472" and diagnos\$4 same<br>(prior beginning before) near<br>manufact\$4                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 12:32 |
| S20 | 0  | "6,487,472" and diagnos\$4 same<br>(prior beginning before) near4<br>manufact\$4                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 12:34 |
| S21 | 30 | semiconductor and diagnos\$4 same<br>(prior beginning before) near4<br>manufact\$4                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 12:34 |
| S22 | 1  | diagnost\$4 with (before or prior)<br>with (machine or module\$2)with<br>wafer with process\$3          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 13:51 |

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|     |       |  |   |    |     |                  |
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| S23 | 2     | diagnost\$4 with (before or prior) with (machine or module\$2)with (semiconductor wafer) with process\$3                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/01 13:51 |
| S24 | 22    | "5278913"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 17:40 |
| S25 | 250   | (determin\$5 calculat\$4 measur\$5 )near5 transfer adj function same noise same frequenc\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 17:42 |
| S26 | 29    | (determin\$5 calculat\$4 measur\$5 )near5 transfer adj function same noise same frequenc\$4 near4 (range different)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 17:43 |
| S27 | 12    | (determin\$5 calculat\$4 measur\$5 )near5 transfer adj function same noise same frequenc\$4 near4 (range different) and drive      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 17:50 |
| S28 | 8     | (determin\$5 calculat\$4)near5 transfer adj function same noise same frequenc\$4 near4 (range different) and drive                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 17:53 |
| S29 | 5     | (determin\$5 calculat\$4)near5 transfer adj function same noise near4 signal\$4 same frequenc\$4 near4 (range different) and drive | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:11 |
| S30 | 92371 | drive adj system   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:12 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S31 | 1210 | S30 and transfer adj function   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:12 |
| S32 | 2    | S30 and transfer adj function and apply with noise adj signal\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:12 |
| S33 | 2    | S30 and transfer adj function and apply\$4 with noise adj signal\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:13 |
| S34 | 81   | S30 and transfer adj function and noise adj signal\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 18:13 |
| S35 | 5    | S30 and transfer adj function and noise adj signal\$2 same frequency adj range                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 19:02 |
| S36 | 1    | S30 and (determin\$5 calculat\$4) with transfer adj function and noise adj signal\$2 same frequency adj range | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/03 19:04 |
| S37 | 31   | (determin\$5 calculat\$4) with transfer adj function and noise adj signal\$2 same frequency adj range         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/04 14:49 |